

QP Code: 225013

Reg. No.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
October 2021**

**Clinical Examination of Visual System and Ophthalmic Instruments
(2016 Scheme)**

Time: 2 hrs

Max. Marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(10)

1. What are the components of slitlamp biomicroscope and explain the various illumination techniques in slit lamp. Write about any five principal dyes currently used in ocular examinations

Short Notes

(3x5=15)

2. Explain the classification of colour vision defect. Briefly explain the tests for colour vision
3. Full form of IPD. Write down the procedure for IPD measurement (Distance & near) using PD ruler.
4. Applanation Tonometry.

Answer Briefly

(5x2=10)

5. Explain the implication of the worth four dot test, if only three green light is seen by the patient
6. List down the contra indication for pupil dilation.
7. List the common test used for assessing corneal health
8. Provide full form of the abbreviation PERRLA
9. Name any four visual acuity charts used in pediatric population

Fill in the Blanks

(5x1=5)

10. Aesthesiometer is the instrument to test -----
11. van Herick grade of greater than _____ grade is considered as normal or open angle
12. Number of colored caps present in Fransworth D-15 test is _____
13. An intraocular pressure of greater than _____ mm Hg is a risk factor for glaucoma
14. Tropicamide plus eye drop produces very good _____ effect
